| Inde | ex of C | Claims |  |
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|      |         |        |  |

Application/Control No.

10/821,961 Examiner

Barry J. Gooden Jr.

Applicant(s)/Patent under Reexamination

MATSUDA ET AL.
Art Unit

3616

| 1 | Rejected |
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| - | (Through numeral)<br>Cancelled |  |
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| ÷ | Restricted                     |  |

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| İ | _ | Interference |

| A | Appeal   |
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| Clai   | im   | Date                                    |  |  |          |          |  |          |  |          |
| Final  | Original   | 6/12/06                                 | 11/27/06   |  |          |          |  |          |  |          |
|  | 1  | 1                                       | 1  |  |          |          |  | -        |  | $\dashv$ |
|  | 2  | 1                                       | 1  |  |          |          |  |          |  |          |
|  | 3  | 1                                       | 1  |  |          |          |  |          |  | $\Box$   |
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|  | 5  | 1                                       | V  |  |          |          |  |          |  | $\Box$   |
|  | 6  | 1                                       | 1  |  |          |          |  |          |  |          |
|  | 7  | 1                                       | 1  |  |          |          |  |          |  |          |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8   | 1                                       | 7  |  |          |          |  |          |  |          |
|  | 9  | 0                                       | V  |  |          |          |  |          |  |          |
|  | 10   | 1                                       | 1  |  |          |          |  |          |  |          |
|  | 11   | V                                       | ファファファファファー                                      | _  |          | _        |  |          |  |          |
|  | 12   | V                                       | 1  | Ŀ  |          |          | <u> </u>                                     | _        |  | Ш        |
|  | 13   | 1                                       | 1  | _  |          |          | <u> </u>                                     |          | _  | Ш        |
| $\sqcup$   | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | 777777777777777777777777777777777777777 | =  | <u> </u>   | L_       |          | <u> </u>                                     |          | L_   |          |
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| $\sqcup$   | 16   | 1                                       | 트  | ļ  |          |          | <u> </u>                                     |          |  | Ш        |
|  | 17   | 1                                       | =  |  |          |          | _  |          |  |          |
|  | <u> 18</u>   | 1                                       | =  | L  |          | _        |  |          |  | Ш        |
|  | 19   | ۷,                                      | ١v   |  |          |          |  |          |  | Ш        |
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| -1   | 22   |   | ٧  |  | <u> </u> |          | <u> </u>                                     | <u> </u> | <u> </u>   | Щ        |
|  | 23   | 1                                       | =  | <u> </u>   | <u> </u> | ļ        |  | _        |  | -        |
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|  | 38   |   |  |  |          |          |  |          |  | П        |
|  | 38<br>39   |   |  |  |          |          | Г  | _        |  |          |
|  | 40   | Г                                       |  | Γ  |          |          | Π  |          |  |          |
|  | 41   |   |  | П  |          |          |  |          |  |          |
|  | 42   |   | Г  |  |          |          |  |          |  |          |
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|  | 44   |   |  |  |          |          |  |          |  |          |
|  | 45   |   |  |  |          |          |  |          |  |          |
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| Cla      | aim            |              |  |                | C            | Date   | •            |              |              |          |
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| Final    | Original       |              |  |                |              |  |              |              |              |          |
|          | 51<br>52       |              |  |                |              |  |              |              |              |          |
|          | 52             |              |  |                |              |  |              |              |              |          |
|          | 53             |              |  |                |              |  |              |              |              |          |
|          | 54<br>55       |              |  |                |              |  |              |              |              |          |
|          | 55             |              |  |                |              |  |              |              |              |          |
|          | 56             |              |  |                |              |  |              |              |              |          |
|          | 57             |              |  | _              |              | Ш  |              |              |              |          |
|          | 58             |              |  |                |              |  |              |              |              |          |
|          | 59             |              | _  | <u> </u>       |              |  |              |              |              |          |
|          | 60<br>61       |              |  |                |              |  |              |              |              |          |
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|          | 64             | -            | $\vdash$   | <u> </u>       | $\vdash$     | $\vdash$   |              | <b> </b>     | -            | _        |
| -        | 65<br>66       |              | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$   |              |              | -            |          |
| -        | 67             | <u> </u>     | $\vdash$   | $\vdash$       | $\vdash$     | -  | <u> </u>     |              | -            |          |
| -        | 68             | <b></b>      | $\vdash$   | ├              | $\vdash$     | $\vdash$   |              | $\vdash$     | <del> </del> |          |
|          | 69             |              | <del> </del>                                     |                | -            | H  |              | H            |              |          |
|          | 70             | -            | <del> </del>                                     |                | $\vdash$     | -  |              |              |              |          |
| -        | 71             | _            | -  | -              | $\vdash$     | $\vdash$   | _            |              |              | _        |
|          | 72             | _            | -  | -              | -            |  | _            | $\vdash$     |              | _        |
|          | 71<br>72<br>73 | _            | $\vdash$   | -              | H            | $\vdash$   | _            | _            |              | _        |
| <b>-</b> | 74             | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$   |              |              |              |          |
|          | 74<br>75       | -            | $\vdash$   | $\vdash$       |              |  |              |              |              |          |
| -        | 76             | $\vdash$     |  |                |              |  |              |              |              |          |
|          | 76<br>77       |              |  |                |              |  |              | _            |              |          |
|          | 78             | Г            |  | П              |              |  |              |              | $\Box$       |          |
|          | 79             | 1            | Г  | $I^-$          |              |  |              |              | Г            |          |
|          | 80             |              |  | Г              |              |  |              |              |              |          |
|          | 81             |              |  |                |              |  |              |              |              |          |
|          | 82<br>83       |              |  |                |              |  |              |              |              |          |
|          | 83             |              | L  |                |              |  | •            | L            |              |          |
|          | 84             | <u> </u>     | Ĺ  |                | _            | <u> </u>   |              |              |              |          |
|          | 85             | _            | L  | <u> </u>       | <u> </u>     |  |              |              | _            | L        |
|          | 86             | L            | <u> </u>   | <u> </u>       |              | L_   | _            | <u> </u>     |              | _        |
|          | 87<br>88       | <u> </u>     | <u> </u>   | _              | L            |  |              | ļ            | <u> </u>     | <u> </u> |
|          | 88             |              | <u> </u>   | <u> </u>       | <u> </u>     | _  | Ŀ            |              | <u> </u>     | <u> </u> |
| <u> </u> | 89             | <u> </u>     | <u> </u>   | ⊢              | <u> </u>     | <u> </u>   |              | <u> </u>     | <u> </u>     | _        |
|          | 90             | <u> </u>     |  | <del>  -</del> | <b>—</b>     | <del>  -</del>                                   |              |              | <u> </u>     | $\vdash$ |
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| -        | 93<br>94       | ├-           | $\vdash$   | $\vdash$       | <del> </del> | <del>                                     </del> | Ŀ            | $\vdash$     | ⊢            | -        |
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| Cla  | aim   | Date         |                                     |              |  |          |          |  |  |          |
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|  |   |              |                                     |              |  |          |          |  |  |          |
| ā  | Original  |              |                                     |              |  |          |          |  |  |          |
| Final  | rigi  |              |                                     |              |  |          |          |  |  |          |
| _  | Õ   |              |                                     |              |  |          |          |  |  |          |
|  | 101   | _            | _                                   | -            |  |          |          |  | _  |          |
|  | 101   |              |                                     | -            |  | -        | -        | -  |  |          |
|  | 102   | _            | -                                   |              | _  | _        | _        | -  | _  | $\vdash$ |
| <u> </u>   | 101<br>102<br>103<br>104<br>105<br>106<br>107   | _            |                                     | _            | -  |          |          |  | _  | Н        |
|  | 104   | _            |                                     | _            |  |          |          |  |  | $\sqcup$ |
|  | 105   |              |                                     | <u> </u>     | _  |          |          |  |  | Щ        |
|  | 106   |              |                                     |              |  |          |          |  |  | Щ        |
|  | 107   |              |                                     |              |  |          |          |  |  |          |
|  | 108<br>109<br>110   |              |                                     | L            |  |          |          |  |  |          |
|  | 109   |              |                                     |              |  |          |          |  |  |          |
|  | 110   |              |                                     |              |  |          |          |  |  |          |
|  | 111   |              |                                     |              |  |          |          |  |  |          |
|  | 1112  |              |                                     |              |  |          |          |  |  | ·        |
|  | 113   |              |                                     |              |  |          |          |  |  |          |
|  | 113<br>114<br>115   |              |                                     |              |  | Г        |          |  | Π  | П        |
|  | 115   | Т            | Г                                   |              | Т  |          |          |  | $\vdash$   |          |
|  | 116   | <b></b>      | $\vdash$                            |              |  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$ |
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|  | 118   | <del> </del> | $\vdash$                            |              | $\vdash$   |          |          |  | <del> </del>   | -        |
|  | 110   | -            | ┝                                   | ┝            | -  | -        | $\vdash$ | $\vdash$   | $\vdash$   | Н        |
|  | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | $\vdash$     | -                                   | -            | _  | -        | $\vdash$ | -  |  |          |
|  | 120   |              | -                                   |              | _  |          |          | -  | $\vdash$   | Н        |
|  | 121   |              | <u> </u>                            | _            | _  |          |          |  | <u> </u>   | Н        |
| <u> </u>   | 122   | _            | <u> </u>                            | _            | <u> </u>   |          |          |  | _  | Н        |
|  | 123   | _            | <u> </u>                            | L            | _  |          |          | <u> </u>   | _  | Щ        |
|  | 124   |              | <u> </u>                            | <u></u>      | L  |          | <u> </u> | _  | <u> </u>   | Ш        |
|  | 125   | _            | Ŀ                                   | _            |  |          |          | _  |  |          |
|  | 126   | L.           | $oxed{oxed}$                        |              |  |          |          |  |  | Ш        |
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|  | 129   |              |                                     |              |  |          |          |  |  |          |
|  | 130   |              |                                     |              |  |          |          |  |  |          |
|  | 131   |              |                                     |              |  |          |          |  |  |          |
|  | 132<br>133<br>134   |              |                                     |              |  | Γ        |          |  |  | П        |
|  | 133   |              |                                     |              | Г  |          | Γ        | Γ  |  |          |
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|  | 135<br>136  | $\vdash$     | _                                   | 1            | ✝  |          |          |  | $\vdash$   | Н        |
|  | 137   | ┢            |                                     | 1            | <del>                                     </del> | _        | $\vdash$ |  | $\vdash$   | Н        |
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| <u> </u>   | 143   | -            | <u> </u>                            | $\vdash$     | <u> </u>   | -        | <u> </u> |  | <u> </u>   | $\vdash$ |
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| <u> </u>   | 145   | _            | <u> </u>                            | _            | <u> </u>   | <u> </u> | <u> </u> | L  | <b>L</b> _   | Щ        |
| L  | 146   |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              | oxdot  | L        | <u> </u> | $oxed{oxed}$                                     | <u>L</u>   | Ш        |
|  | 147   | Ŀ            | L                                   |              | Ĺ  | Ĺ        |          |  | $\Box$   |          |
|  | 148   |              | L                                   | L            | L  |          | L        |  |  |          |
|  | 149   |              |                                     |              |  |          |          |  |  |          |
|  | 150   |              | П                                   |              | П  |          |          | Г  | Г  |          |
|  |   |              | _                                   |              |  | Ь        |          | _  | Ь  |          |